

WHAT IS CLAIMED IS:

1. A mold frame for an apparatus producing shaped concrete bodies from a mold, said mold frame comprising a plurality of longitudinal and transverse frame members which are connectable at their ends to define a rectangular mold frame having four corners in order to surround a mold insert having one or more mold cavities therein, and means at said mold frame corners including interfitting form-fit portions on the ends of said longitudinal and transverse frame members for detachably connecting said longitudinal and transverse frame members together.

2. A mold frame as claimed in claim 1 wherein each of said transverse frame members has a pair of end faces and there being on each end face a projection pin having a polygonal cross section, each longitudinal frame member having on its inner face a polygonal recess at each end of said inner face, said recess correspondingly shaped to receive closely said projection pin so as to avoid torsional movement of said pin within said recess, and a locking screw detachably connecting a said end face of said transverse frame member to the inner face of a said longitudinal frame member.

3. A mold frame as claimed in claim 2 wherein said projection pin and said recess each having a hole there-through and aligned to receive said locking screw, and means within said transverse frame member for defining a threaded hole to receive said locking screw.

4. A mold frame as claimed in claim 3 wherein said means for defining a threaded hole comprises a cylindrical nut received within a hole in said transverse frame member.

5. A mold frame as claimed in claim 4 wherein said threaded hole is disposed transversely to the cylindrical axis of said cylindrical nut, said hole receiving said cylindrical nut extending through said transverse frame member perpendicular to the plane defined by said rectangular mold frame.

6. A mold frame as claimed in claim 1 and further comprising means defining a tongue and groove connection on at least two opposing sides between said mold frame and said mold insert.

7. A mold frame as claimed in claim 6 wherein said tongue and groove connection comprises a groove having a triangular cross section machined into the inner faces of said transverse and longitudinal frame members, and a tongue

on the outer edges of said mold insert similar in cross section to said groove so as to be received within said groove.

8. A mold frame as claimed in claim 6 and further comprising resilient damping plates between opposing surfaces of said seated tongue and groove.

9. A mold frame as claimed in claim 8 wherein said damping plate is adhered to the surfaces of said tongue.

10. A mold frame as claimed in claim 8 wherein said damping plates are recessed into said surfaces of said tongue.